

CONSTRUCTION VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 071221-701 Job No. J7P0769
County Barry Route 60 Original Bid Cost \$7,236,141.72
Contractor APAC-Missouri, Inc. By David Wilkins
Designed By Ewing Signal Construction LLC Phone 417-868-6700

Date March 6, 2008

- VE # 08-19*
1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

Proposed Change in Traffic Signal cable.

This Practical Design Value Engineering Proposal is to change the traffic signal cable from 7c#12 to newly approved 7c#16. Savings will be split 75%/25% (MODOT/APAC) in accordance with the Practical Design Value Engineering Specifications.

The estimated net savings is \$1,894.10. See attached sheet showing detailed breakdowns of contract items.

2. Estimate of reduction in construction costs. 1894.10
3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

APAC-Missouri, Inc. and Ewing Signal Construction LLC foresee no additional costs for MODOT. The signal cable has been approved by MODOT traffic.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

Detailed breakdowns are attached
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

March 17, 2008
(date)

No change to completion date or schedule.
(effect)

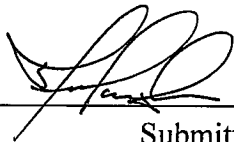
6. Dates of any previous or concurrent submission of the same proposal.

(date and/or dates)

Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: It's my understanding that 7c #16 wire is approved for use. There are other signal items that can be modified as well. I do not have & can't find a complete list of them. I've spoken w/ Dave Wilkins, APAC about the possibility for additional VE'ing opportunities and we'll revisit this then. I recommend approval of this V.E. provided the insulation of new #16 wire meets revised specs.



Submitted By Resident Engineer

3-18-08

Date

Comments:

I agree with the proposal.



Approval
Recommended



3/21/08



Rejection
Recommended

District Engineer

Date

Comments:

☒ Approval

☐ Rejection

David D. Cooney

State Construction and Materials Engineer

4-7-08

Date

Distribution: Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials Engineer
*Value Engineering Administrator - *MoDOT, P.O. Box 270, Jefferson City, MO 65102

APAC-Missouri, Inc.
Rt. 60 Barry Co,
J7P0769

Current Contract

Item	Description	Quantity	Unit	Unit Price	Total Price
1410	Cable 12 Awg 7 Conductor	4,030	LF	\$2.65	\$10,679.50
TOTAL					\$10,679.50

V.E. Proposal

Item	Description	Quantity	Unit	Unit Price	Total Price
xx1	Cable 16 Awg 7 Conductor	4,030	LF	\$2.18	\$8,785.40
TOTAL					\$8,785.40

TOTAL SAVINGS

\$1,894.10



MEMORANDUM

Missouri Department of Transportation
Construction & Materials
District 7

Dennis Bryant

TO: Dave Ahlvers
State Construction & Materials Engineer

FROM: Michael C. Middleton *M.C.M.*
District Construction & Materials Engineer

DATE: March 21, 2008

SUBJECT: Contract 071221-701
Job No. J7P0769
Route 60, Barry County
Value Engineering Proposal

Attached you will find three copies of a Value Engineering Proposal from APAC-Missouri, Inc. on the above referenced project for your review and signature. I recommend approval of this Value Engineering Proposal.

Please return two copies to my attention, retaining the third copy for your records.

Thank you.

RECEIVED
MAR 25 2008
Construction & Materials - ECR